



# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० ३८]

नई दिल्ली, शनिवार, सितम्बर २१, १९६८ (भाद्र ३०, १८९०)

No. 38]

NEW DELHI, SATURDAY, SEPTEMBER 21, 1968 (BHADRA 30, 1890)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
Separate paging is given to this Part in order that it may be filed as a separate compilation

### भाग III—खण्ड २

### PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 21st September 1968

#### SPECIAL NOTICE

Attention of the public is invited to late Ministry of Industry S. O. 2923, dated 22nd September 1966 whereby the Central Government have amended the late Ministry of Commerce & Industry notification S.R.O. 681, dated 23rd March 1955 and appointed the Scientist-in-Charge, Merodo Centre Mechanical Engineering Research Development Organisation (C.S.I.R.), Gurm Nanak Engineering College Campus, Gill Road, Ludhiana-3 as one of the authorities for the purpose of Section 72 of the Indian Patents and Designs Act, 1911 (Act II of 1911).

#### CORRIGENDA

##### (1)

In the Gazette of India, Part III, Section 2 dated 7-9-1968 under the heading "Application Accepted".—

Delete "109413. E. I. du Pont de Nemours and Company. Novel crotonamides compounds and process for preparing the same. Accepted on 21st August 1968.

[Reacting phenyl Urea with an  $\alpha$ -substituted acetone etc.]

117007. E. I. Du Pont De Nemours and Company. Novel herbicidal compositions containing crotonamides. [Divisional date 21st February 1967]. Accepted on 21st August 1968.

[Containing a crotonamide and a carrier.]

##### (2)

In the Gazette of India Part III, Section 2, dated 23rd March 1968 under the heading "Applications Accepted" in page 108 Column 1,

for No. 106945

read No. 106946

2. In the Gazette of India Part III, Section 2, dated 20th April 1968 under the heading "Application Accepted" in page 145 Column 2,

for 103088. Imperial Chemical etc.

read 113088. Imperial Chemical etc

3. In the Gazette of India Part III, Section 2, dated the 25th May 1968 under the heading "Application Accepted" in page 200, Column 2.

for No. 110590

read No. 110950.

4. In the Gazette of India Part III, Section 2, dated 1st June 1968 under the heading "Application Accepted" in page 210, Column -1, in No. 108912, in line 1.

for Dr. K. Schmitt.

read Dr W. Schmitt.

5. In the Gazette of India Part III, Section 2, dated the 1st June 1968 under the heading "Application Accepted" in page 210, Column 2.

for No. 109479

read No. 109478

6. In the Gazette of India Part III, Section 2, dated 1st June 1968 under the heading "Application Accepted" in page 210, Column 1, in No. 108662, in line 1.

for M. & H. Chemicals, Inc. etc.

read M. & T. Chemicals Inc. etc.

7. In the Gazette of India Part III, Section 2, dated 13th July 1968 under the heading "Applications Accepted" in page 273, Column 2.

for No. 107216

read No. 107316

8. In the Gazette of India Part III, Section 2, dated 13th July 1968 under the heading "Applications Accepted" in page 275, Column 2.

for No. 109226

read No. 109126

9 In the Gazette of India Part III, Section 2, dated 20th July 1968 under the heading 'Applications Accepted in page 284, Column 1

for No 197385

read No 107385

(3)

In the Gazette of India Part III, Section 2, dated the 10th August 1968—

In page 317, Column 2, under the heading "Renewal fees paid"—

for No 72251'

read No 72851'

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act

31st August 1968

- 117504 Sadhan Kumar Niyogi Improved gripper
- 117505 V K Lcley A new design for key-board for devanagari type-writers and similar machines
- 117506 V C P Kittu Improvements in or relating to centrifugal pump systems, more particularly, open deep well centrifugal pump systems and the like
- 117507 M Krishnan Improvements in or relating to signalling devices
- 117508 The Dunlop Company Limited Resilient shaped articles
- 117509 C P Moraes Improved perpetual calendar
- 117510 Council of Scientific and Industrial Research A process and field distillation unit for rose oil distillation

2nd September 1968

- 117511 Dr Remesh Chandra Vidian Canal probes
- 117512 Dr Ramesh Chandra Multipurpose U' clamp and bars
- 117513 Beiersdorf AG A wound dressing
- 117514 Hindustan Lever Limited Process for the production of detergent compositions (4th September 1967)
- 117515 Hindustan Lever Limited Process for the production of detergent compositions (4th September 1967)
- 117516 B L Srihari Improvement in or relating to the design of 'Feed through capacitors'
- 117517 E G Rao Improvements in or relating to hydraulic valves
- 117518 Asahi Kasei Kogyo Kabushiki Kaisha Method for producing polyamide filamentary article
- 117519 American Cyanamid Company and Koratron Company, Inc Durable press finish for wool/cellulosic and synthetic fabrics
- 117520 The Ahmedabad New Cotton Mills Co, Ltd Method of chemical treatment to cellulosic materials to improve physical and structural properties of cellulosic and synthetic cellulose blend fabrics
- 117521 African Explosives and Chemical Industries Limited Method of and apparatus for evaluating the ultra-violet ray light absorber content of material
- 117522 Surface Technology Corporation Improvements in wear resistant materials
- 117523 Surface Technology Corporation Improvements in wear and abrasion resistant material
- 117524 Giffen Buggess Corp Seaming process, seaming tape and process for preparing the seaming tape
- 117525 Ciba Limited Water-insoluble azo dyestuffs and process for their manufacture
- 117526 Central Glass Co, Ltd Process for producing mixed nitrates and nitrosyl chloride
- 117527 T Kukuoka Improvement of sandal

117528 R D. Werner Co, Inc Ladder construction

117529 R D Werner Co, Inc Ladder construction

3rd September 1968

- 117530 Bhola Nath Chatterjee & Jagadish Chatterjee A device to convert conventional lifting pumps to rotary type pump
  - 117531 Mr H Patel Car vent
  - 117532 R Jhavar Manufacture of smokeless briquettes made from coal and coke for use in domestic chulas The important thing is this that smoky coal when used in combination with chaingrate stoker coke, becomes practically smokeless
  - 117533 Westinghouse Electric Corporation Compression contacted rectifier
  - 117534 Bristol Myers Company, Process for the preparation of antibacterial agents
  - 117535 Macneill & Barry, Limited Triple-tube core-barrel for drilling
  - 117536 Vickers-Zimmer Aktiengesellschaft Planung Und Bau Von Industrieanlagen Polycondensation method and apparatus (16th April 1968).
  - 117537 Veb Carl Zeiss Jena Instruments for optical zenith and nadir sounding
  - 117538 Metallgesellschaft A G Apparatus for thermally treating a granular bulk feed.
  - 117539 Vsesojuzny Ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'sky institut zheleznodorozhnogo transporta Device for automatic control of the field contractors of diesel-electric and gas-turbine locomotive traction motors
  - 117540 Ashmore, Benson, Pease & Company Limited Continuous casting apparatus (8th September 1967)
  - 117541 Ashmore, Benson Pease & Company Limited Continuous casting apparatus (20th March 1968)
  - 117542 H Holloway Articulated chain assembly
  - 117543 Whessoe Limited Improvements relating to the production of ammonia (8th September 1967)
  - 117544 Badische Anilin- & Soda-Fabrik Aktiengesellschaft Tubular reactor for carrying out endothermic and exothermic reactions with forced circulation
  - 117545 Badische Anilin & Soda-Fabrik Aktiengesellschaft Production of lightweight concrete
  - 117546 Ing C Olivetti & Co Societa per Azioni Paper guide for an adder-listing machine
  - 117547 Ciba Limited Latent hardener
  - 117548 F Hoffmann-La Roche & Aktiengesellschaft 9β, 10 α-steroids and process for the manufacture thereof
  - 117549 N V Philips Gloeilampenfabrieken Electrical apparatus which is arranged in a wooden cabinet and is protected against corrosion
  - 117550 H D Asar Braided cord
- 4th September 1968
- 117551 Siemens Aktiengesellschaft Electric coils
  - 117552 General Electric Company Mercury-metallic halide vapor lamp with regenerative cycle
  - 117553 K K Mitra A device for actuating an arm or a pointer
  - 117554 National Institute of Design Type faces for printing and typing devanagari and like scripts
  - 117555 Tokyo Shibaura Electric Co, Ltd Electrically heated glass melting apparatus
  - 117556 Schering Aktiengesellschaft Herbicidal preparations
  - 117557 Babcock & Wilcox Limited Improvements in or relating to the measurement of the flow of particulate material (12th September 1967)
  - 117558 The Goodyear Tire & Rubber Company Improvements in polyurethane polyvinylidene chloride composition

117559. Mefina S. A. Sewing machine.
117560. Girling Limited. Improvements in or relating to railway vehicle brakes. (18th September 1967).
117561. Vereinigte Österreichische Eisen-und Stahlwerke Aktiengesellschaft. Device for continuously measuring the temperature of metal baths in melting or refining furnaces, particularly in converters.
117562. Argus Chemical Corporation. Fatty acid-polyvalent metal salt stabilizers for polyvinyl chloride resins with reduced tendency to form bloom.
117563. Allmanna Svenska Elektriska Aktiebolaget. Hydrostatic extrusion of compound material.
117564. Triplex Safety Glass Company Limited. Improvements in or relating to the manufacture of bent glass. (5th September 1967).
117565. Institut De Recherches De La Siderurgie Francaise. Process and device for drawing off refining gases.
117566. Societe Des Accumulateurs Fixes Et De Traction. A cylindrical dry cell and a method of manufacture thereof.
117567. Merck & Co., Inc. Process for preparing indolyl acids. [Divisional date 8th August 1966].
117568. N. V. Philips Gloeilampenfabrieken. Hall element.

5th September 1968

117569. Sri P. D. Agrawal. Improvements relating to the breaking of steel ingot moulds/base plates or bottom plates and alloy steel pieces.
117570. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of polyvinyl alcohol.
117571. Carter-Wallace, Inc. Bacterial fractions.
117572. N. V. Machinefabriek L. te Strake. A method of weaving and a fabric woven according to this method of weaving.
117573. The Associated Cement Companies Ltd. Method of pelletising phosphate rock fines together with fine quartz sand.
117574. N. V. Philips' Gloeilampenfabrieken. Radiation recorder. (8th September 1967).
117575. N. V. Philips Gloeilampenfabrieken. Transistor.
117576. British Insulated Callender's Cables Limited. Improvements in or relating to telecommunication cables. (7th September 1967).
117577. British Insulated Callender's Cables Limited. Improvements relating to wire stranding machines and like cable making machines.
117578. Joseph Lucas (Industries) Limited. Regulated power supplies. (11th September 1967).
117579. Indian Oxygen Limited. Fluid mixing devices. (14th September 1967).
117580. Sentralinstitut for Industriell Forskning. Process for dimerization, codimerization, polymerization and copolymerization of mono-olefines. (14th September 1967).
117581. K. N. C. Krishna Mohan. Solid state voltage regulator for D. C. dynamos.

6th September 1968

117582. May & Baker Limited. Pigments. (8th September 1967).
117583. Reyrolle Hydraulics Limited. Improvements relating to swashplate and like hydraulic machines. (16th September 1967).
117584. Reyrolle Hydraulics Limited. Improvements relating to pipe couplings.
117585. Reyrolle Hydraulics Limited. Improvements relating to hydraulically actuated reciprocating motors especially for percussive tools.

117586. Aktiebolaget Siefvert & Fornander. Method in the manufacture of matches of filamentary material and apparatus for trying out this method.
117587. Metallgesellschaft A. G. A process for recovering titanium dioxide from materials containing iron oxide and titanium oxide.
117588. Anstalt Euroresearch. A cooking appliance.
117589. Fried. Krupp Gesellschaft Mit Beschränkter Haftung. Collapsible bridge.
117590. Societe Des Accumulateurs Fixes Et De Traction. An apparatus for manufacturing cylindrical dry cells.

#### Alteration of Date

114570. Ante-dated to 14th November 1966 under Section 5 of the Act.
116225. Ante-dated to 7th February 1967 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

107945. Shell Internationale Research Maatschappij N. V. Biocidal compositions. (25th February 1966). Accepted on 14th August 1968.

*Comprises of  $\alpha$ -1-ethoxyethanol oxime N methyl carbamate and a carrier and/or a surface active agent.*

108107. Murata Machinery Ltd., and Toyo Boseki Kabushiki Kaisha. An automatic doffing apparatus of automatic winder. Accepted on 22nd August 1968.

*Comprising in combination a plurality of doffing units means for continuous carrying said doffing units, means for discharging from said winding units cone or cheese and means for carrying away the discharged cone or cheese from doffing units.*

108162. Flora Electrical Industries. Electric iron clad switch. Accepted on 26th August 1968.

*Having electric fuse box with double throw switching off and on arrangement, only one socket with one fuse bridge with a fuse wire is provided, a pair of contact leads fixed at the bottom of the said socket.*

108253. Matsushita Electronics Corporation. A solid state Microwave oscillating device. Accepted on 2nd September 1968.

*Comprises a semiconductor substrate the metal layer thereon and means for impressing voltage in the reverse direction.*

108270. Council of Scientific and Industrial Research. Recovery of anhydrous sodium sulphate by flotation process. Accepted on 2nd September 1968.

*Sodium sulphate bearing material is slurried in its own solution, pH adjusted, slurry is conditioned and subjected to flotation and concentrate leached with sodium sulphate solution.*

108326. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electric circuit elements and methods of manufacturing such elements. Accepted on 6th September 1968.  
*The ohmic contact electrode is formed from a chromium containing layer of metal consisting 50% by weight of chromium.*
108423. Catalysts and Chemicals, Inc. Process for the reduction of a copper oxide zinc oxide catalyst. (23rd December 1965). Accepted on 26th August 1968.  
*Comprises passing over the catalyst a gas of hydrogen and/or carbon monoxide and controlling an exothermic reaction.*
108483. I. L. Metha. Vacuum brick. Accepted on 4th September 1968.  
*Preparing a vacuum brick by evaluating it through a tube or like.*
108803. Raionnoe Energeticheskoe Upravlenie "Chelyabenergo". Relay responsive to changes in the level and velocity of fluids. Accepted on 4th September 1968.  
*Comprising a cup placed in the liquid and adapted to actuate a holder having a vane to close signalling contacts.*
108882. W. Staudenmaier. Improvements in or relating to carding machines. Accepted on 31st August 1968.  
*Comprising a change speed gearbox having at least two constant mesh gear wheel pairs and which are disengaged upon interruption of the control circuit.*
109050. R. Meesheri. A sugarcane unloading device. Accepted on 4th September 1968.  
*Comprising driving arrangement for driving four arms arranged above the cane-carrier such that the sugarcane is unloaded by the horizontal movement of the dragging plates of the arm.*
109217. Farbenfabriken Bayer Aktiengesellschaft. Anthraquinone dyestuff (7th November 1966). Accepted on 7th August 1968.  
*Characterises in reacting at 1-amino-4-hydroxy-anthraquinone which contains in the 2-position an exchangeable substituent with a di-( $\beta$ -hydroxyethyl)-benzene.*
109219. Imperial Chemical Industries Limited. Ethylene copolymers. (14th February 1966). Accepted on 31st August 1968.  
*Containing, by weight at least 35% of ethylene and (a) from 1.0% to 8.5% of free hydroxy group, or (b) from 0.10% to 3.0% of epoxyoxygen, or (c) both free hydroxy groups upto 8.5% and epoxy oxygen upto 3.0%.*
109511. Voith Getriebe Kg. Heidenheim (Brenz). Vehicles having an electrical or a hydraulic brake. Accepted on 27th August 1968.  
*One or more ballast tanks are provided on the vehicle said tank being filled with cooling liquid.*
109519. B. D. Kulkarni. A continuous process of dissolution of solute used in the dual process and a self regulatory dissolver for carrying out the same. Accepted on 28th August 1968.  
*Comprises feeding the solute at self adjusting rate into a dissolver introducing the solvent continuously into it and allowing the solution to settle at the top of the solute bed and finally escaping through a launder.*
109520. Farbwerke Hoechst Aktiengesellschaft Vormals Meister Lucius & Bruning. Process for the manufacture of shaped structures. Accepted on 28th August 1968.  
*From polyesters of terephthalic acid containing acid groups in the polymer molecule wherein terephthalic acid or a low molecular weight alkyl ester thereof, is polycondensed with ethylene glycol.*
109543. M. Artusi. Method for the manufacture of a building material and the material obtained by this method. Accepted on 4th September 1968.  
*Hydrated siliceous minerals which bloat with the effect of heat are mixed with a material containing a major proportion (more than 50%) of silica and which softens below 1200°C and expansion of the mineral particles, fusion of the said material and formation of cellular structure are caused by heating operation and the expanded mixture is cooled.*
109559. Allmänna Svenska Elektriska Aktiebolaget. Edge guiding means for strip or sheet or formed material. Accepted on 3rd September 1968.  
*Characterised in that at least the lower part of the feeder table is provided with a number of feeding rollers driven by the material.*
109560. Halcon International, Inc. Process for the preparation of alcohols and the alcohols so prepared. Accepted on 3rd September 1968.  
*Comprises subjecting  $C_{10}$  to  $C_{20}$  saturated hydrocarbons to oxidation with molecular oxygen containing gas in the presence of a metaboric acid, tetraboric acid boron oxide or mixtures thereof and hydrolysing the product.*
109574. D. M. Shanbhag. Improved process and apparatus therefor for impregnating steel tools and parts with wear resistant material. Accepted on 4th September 1968.  
*Fusing and impregnating by electric spark a coating of wear resistant material like chromium carbide, titanium carbide etc. upon the working face.*
109584. V. Joseph. A roller thresher for corn. Accepted on 6th September 1968.  
*Having a drum made of wooden planks and having space between the adjacent planks placed in the lower portion of the drum to allow the grains to collect at the bottom, the inner-portion of the planks covered with vulcanised rubber.*
109615. Central Glass Co., Ltd. A process for preparing gypsum hemi-hydrate. Accepted on 3rd September 1968.  
*Comprising suspending gypsum, dihydrate in heated medium solution and phosphoric acid, thereafter filtering off the resulting gypsum hemi-hydrate.*
109625. The English Electric Company Limited. Improvements in fuse fittings. (11th March 1966). Accepted on 6th September 1968.  
*The base member or the fuse carrier member is provided with a latch adapted to be movable between a first position permitting insertion and withdrawal of the carrier into and from the base and a second position in which it overlaps part of the other member.*
109626. The English Electric Company Limited. Improvements in shrouded electrical contact fittings. (11th March 1966). Accepted on 6th September 1968.  
*Includes a housing having a first contact means secured therein, said housing including a shroud extending over the first contact means and having a flap formed with the shroud.*
109629. United States Steel Corporation. Method of rolling slabs in planetary mill. Accepted on 6th September 1968.  
*Comprising hot rolling the slab to sheet thickness between planetary rolls, each of said edging rolls having a pass groove formed by a pair of frusto-conical surface adapted to engage an edge of said slab.*
109714. Velsicol Chemical Corporation. Improved process for preparing endrin. Accepted on 6th September 1968.

- Comprises reacting isodrin with  $\text{CH}_3\text{COOH}$ ,  $\text{H}_2\text{O}$  and catalytic amount of alkalimetal insulate.*
109863. D. C. Jain. Tight folding chair. Accepted on 4th September 1968.
- Having three adjustable legs and a collapsable seat with means to secure the seat in a horizontal position keeping its two rear legs stretched.*
109897. Council of Scientific and Industrial Research. Improvements in or relating to rust preventing compositions. Accepted on 3rd September 1968.
- Comprising a plant product such as root flour, maize flour or ground nut flour, a metal phosphate, a metal nitrate or nitrite, a fungicide and a mineral acid.*
109983. Caterpillar Tractor Co. Loader bucket assembly. Accepted on 3rd September 1968.
- Characterised by a leaf spring associated with the belt for urging it towards the interior of the bucket*
110004. The Dow Chemical Company. Novel styrene compounds, their manufacture and compositions containing them. Accepted on 6th September 1968.
- A halogenated compound is reacted with an alpha-methyl styrene compound in the presence of a free-radical initiator.*
110059. Susil Kumar Ganguli. Improved method of joining PVC insulated, PVC sheathed and thermoplastic insulated PVC sheathed cables. Accepted on 3rd September 1968.
- Comprises the provision of joint box made in two parts of insulated grade PVC sheets bonded by a special chemical solution.*
110133. Revere Corporation of America. Improved load cell. Accepted on 2nd September 1968.
- Including a body having an axis along which a load is to be applied, containing a plurality of apertures about which stresses in the loaded body are concentrated, straining means mounted within at least some of the apertures for measuring stresses; a loading surface in the body including an elongated crown portion extending in a plane normal to the axis with adjoining elongated sloping faces on each side of the crown, and a load applying member.*
110139. Centre De Recherches De Pont-A-Mousson. Unit for cooling a movable machine having a rotating part and in particular a centrifugal casting machine. Accepted on 31st August 1968.
- Unit comprises in combination a cooling water recycling circuit including a recycling pump with fixed pipe connections, a water tank and pipe means connecting the tank to recycling circuit.*
110174. American Velerio, Inc. Separable fastening device. Accepted on 6th September 1968.
- Comprising a first member with a plurality of hooks extending from one broad surface and a second member having one surface defined by an open cell foamed plastic in which membranes have been removed to provide at least a partial skeletal structure of interconnected closed strands.*
110219. Glanzstoff A. G. A process for the production of high-impact injection mouldings from polyethylene terephthalate. (25th October 1966). Accepted on 31st August 1968.
- By in corporation 0.5—50% by weight of uniformly distributed polyethylene.*
110684. Farnell Instruments Limited. Improvements in or relating to units for mounting electrical circuit components (23rd May 1966). Accepted on 2nd September 1968.
- Unit comprises gripping means for gripping a portion of an electrical circuit component so that projecting electrical component project from the unit and clip for securing the unit to a chassis.*
110727. Aluminium Laboratories Limited. Heat-treatment of aluminium manganese alloys. (29th June 1966). Accepted on 6th September 1968.
- Comprising subjecting as cast ingot comprising 0.6 to 2% Mn, to a homogenising heat treatment at a temperature between 515°C to 625°C and to initiate precipitation of Mn and then subjecting the ingot to further precipitation heat-treatment by holding it at a temperature at least fifty degree Centigrade lower than the homogenising treatment temperature.*
110799. The Dunlop Company Limited. A wash pad blanket and a method for its manufacture. (26th May 1966). Accepted on 31st August 1968.
- Comprising two or more piles of material and at least one ply of each end terminate short of the other ply or plies thereby providing a step, the steps of the two ends being butted together.*
110852. Council of Scientific and Industrial Research. Improvements in or relating to the electrolytic reduction of 3-nitro-p-cresol to 3-amino-p-cresol. Accepted on 3rd September 1968.
- By taking 3 nitro p cresol as a suspension in sulphuric acid or sodium sulphate solution and reducing at a rotating cathode and recovering the 3 amino p-cresol sulphate by concentrating the electrolyte under reduced pressure.*
110877. Council of Scientific and Industrial Research. Improvements in or relating to chemical deposition of thin films of lead selenide layers. Accepted on 31st August 1968.
- By reacting sodium selenosulphate and lead acetate in alkaline medium in a pH range of 8—10.*
110945. Harish Engineering Works. Drying apparatus for length of cloth and other sheet materials. Accepted on 31st August 1968.
- Characterized in that in the tunnel are installed a series of blowers each having at its inlet a heat exchanger, air from the blower being blown into one or more transversely disposed chambers arranged both above and below the fabric.*
111012. Imperial Chemical Industries Limited. Light-stable polyester. (16th June 1966). Accepted on 31st August 1968.
- Comprises the addition to the starting material or to the final polyester of titanium dioxide in anatase form and at least one cobalt compound so that the final product contains x per cent of titanium dioxide and y per cent of cobalt ion per weight where x/y is from 50 to 150.*
111036. Automachs. A composite cigarette case. Accepted on 6th September 1968.
- Comprising a housing for cigarettes with a gap, a receiving tray and a heating means.*
111212. Council of Scientific and Industrial Research. Improvements in or relating to insulating refractories. Accepted on 4th September 1968.
- Incorporating in a foaming solution, sapornin, pulverised mica along with a binder and a foam stabiliser with or without the addition of combustible material, moulding the same, drying and heating and shaping to exact dimensions.*
111390. Raleigh Industries Limited. Bicycle and like pedals. (19th July 1966). Accepted on 2nd September 1968.
- Pedal frame presenting spaced side members extending in the longitudinal direction of the pedal, a pedal barrel located between the said side members and symmetrically disposed relative thereto and a pedal block at each side of the said barrel.*
111391. Raleigh Industries Limited. Pedals for cycles. (19th July 1966). Accepted on 2nd September 1968.

- Pedal frame of generally rectangular shape, aligned bearing bushes, a pedal spindle extending between the bushes and upon which the frame is rotatably mounted and a pedal block structure disposed within the frame*
- 111556 Bengal Coal Company Limited Conveyor pan Accepted on 5th September 1968
- Wherein the pan is trough shaped with angle sections secured to the bases and having a gap between the base and the angle sections for inspection of the chain*
- 111660 Joseph Lucas (Industries) Limited Dynamo electric machines (8th August 1966) Accepted on 5th September 1968
- Wherein the ends of windings carried by the rotor forms a part of the end faces of the conductive segments of the commutator on which end faces the brushes run.*
- 111666 The British Petroleum Company Limited Powdered metals, (5th August 1966) Accepted on 2nd September 1968
- To be prepared by a method comprising grinding a metal in the presence of an organic grinding fluid and an organic load carrying additive*
- 111687 Farbenfabriken Bayer Aktiengesellschaft Process for preparing arylpyrazolyl-(1) stilbene compounds, suitable for use as brightening agents Accepted on 31st August 1968
- Condensing stilbene compounds with vinylketones and cyclising the condensation product with splitting off  $\text{A OH}$ .*
- 111903 Amsted Industries Incorporated Method and apparatus for making ceramic articles Accepted on 3rd September 1968
- Comprising mixing fine particles of ceramic material in a liquid to form a slurry, removing entrapped air from the slurry forcing the slurry into a mold, heating the slurry until the slurry gels, chilling the core of the mold and then removing the article from the mold*
- 112016 Board of Trustees a Constitutional Corporation operating Michigan State University, and Standard Oil Company Apparatus for forming underground water barriers Accepted on 5th September 1968
- Comprising means for displacing soil upwards at a selected depth beneath the soil surface and supporting the displaced soil to form a translating cavity means for shaping the exposed portion of the cavity to provide beneath the supported upper portion of the cavity a transversely exposed soil surface and means for depositing liquid thermoplastic material on the exposed soil surface to form a coating on it said coating when the supported soil rests on it forming the barrier*
- 112042 Westinghouse Electric Corporation A stacking arrangement for flat packaged electrical devices Accepted on 3rd September 1968
- Comprises two opposed plates, a plurality of electrical devices, a number of conductive members and resilient means*
- 112586 Tokoyo Shibaura Electric Company Limited Glow discharge tubes Accepted on 3rd September 1968
- Comprises two electrodes mounted in a sealed envelope having a mixture of rare gas and gaseous hydrocarbon.*
- 112867 British Insulated Callender's Cables Limited Improved apparatus for unwinding wire (9th November 1966) Accepted on 5th September 1968
- Comprises a flyer having a part coaxial with the wire spool axis and a part diverging therefrom and then turning towards the axis in a curve with bell mouthed end for the wire to enter smoothly*
- 112874 National Lead Company Production of substantially anhydrous magnesium chloride Accepted on 28th August 1968
- Comprises preparing hydrated magnesium chloride porous particles and feeding said particles into a fluidizing chamber at  $440-1000^{\circ}\text{F}$  while a stream of hel and water vapour (1 to 30% V/V of the mixture) is injected into it at velocities so as to suspend particles therein and dehydrate the mass*
- 112899 I J du Pont de Nemours and Company Preparation of hydroxamoyl chlorides Accepted on 6th September 1968
- By chlorinating an solution of the corresponding aldoxime, comprising carrying out the reaction at a temperature of between  $250^{\circ}\text{C}$  and  $15^{\circ}\text{C}$ .*
- 113216 Sri B Barthakur Sliding cone rice polisher with paddy husks Accepted on 3rd September 1968.
- Horizontally disposed outer stationery cover and a rotatable roller placed coaxially within the said cover leaving an annular space, the said cover having two equal halves, the upper half provided with an inlet placed under an adjustable feed hopper at one end and a delivery outlet at the other end.*
- 113232 Neyveli Lignite Corporation Limited Improvements in or relating to ovens for heating purposes and the like Accepted on 6th September 1968
- Characterized by a circular laminar base surrounded circumferentially by an enclosing wall, tripod supports having at least two matching rests, a cylindrical main body having an outer diameter less than the inner diameter of the enclosing wall of the collector means*
- 113248 Centra Anstalt Method for manufacturing bags of thermoplastic material and bag obtained thereby. Accepted on 3rd September 1968.
- Preparing tubular thermoplastic means with two folds at diametrically opposite points, cross welding extending throughout width, filling the bag and complete welding of the cut edges*
- 113265 G Ungar Improvement relating to the thermal drying of particulate materials (12th October 1967) Accepted on 4th September 1968.
- Thermal drying of particulate material comprising consecutively pressing and stripping said material from the wall of a drum and subjecting it to drying action*
- 113363 Dr Ing. h.c. J Dichter A machine for working articles of thermoplastic materials Accepted on 6th September 1968
- Comprising carriage means having work-holders for carrying respective articles to be heated and worked, an endless conveyor, and a plurality of tool holders spaced apart on the conveyor, a tool held by each tool holder being allowed to cooperate along the working path with a respective article held in or work holder*
- 113565 Universal Oil Products Company Black oil conversion process Accepted on 31st August 1968.
- Maintaining the hydrocarbon feedstock containing asphaltic materials and after high mobenlon weight materials in a dispersed state in a liquid phase which is rich in hydrogen and hinging there into intimate contact with a catalyst capable of effecting reaction between the hydrogen and the asphaltic materials the liquid phase itself being dispersed in a hydrogen rich gas phase so that the dissolved hydrogen is continuously replenished.*
- 113619 The Fertilisers and Chemicals, Travancore Limited A method of manufacturing synthetic cryolite from alkali fluorides Accepted on 31st August 1968
- Comprising adding to the alkali fluoride solution aluminium sulphate or chloride under optimum conditions, adding a soluble sodium compound stirring filtering and washing*

113671. R. G. Depenning. Manganese phosphate coatings on iron or steel. Accepted on 31st August 1968.

*Treated with an aqueous suspension of finely divided insoluble manganese II orthophosphate, and then phosphated with a conventional acid aqueous manganese phosphate coating solution.*

113945. Council of Scientific and Industrial Research. Electronic controller for controlling the thickness of thin film during evaporation. Accepted on 4th September 1968.

*Comprises a converter, monitor, grounded base amplifier, a schmitt trigger, a diode rectifier, and a switching amplifier.*

114570. Shell Internationale Research Maatschappij N. V. Process for preparing  $\beta$ -stereoisomers of oxime carbamates and biocidal compositions containing said oxime carbamates. [Divisional date 14th November 1966]. Accepted on 14th August 1968.

*The  $\alpha$ -isomer is converted into an oxilum salt which is neutralised to give the  $\beta$ -stereoisomer of the oxime and this is reacted with an isocyanate.*

114784. Denys Fisher (Spirograph) Limited. A design drawing device. (3rd March 1967). Accepted on 31st August 1968.

*Comprising a primary member having a window therein at least two secondary members locatable in the window, each secondary member having at least one aperture for accommodating a drawing instrument which serves as a driving means to move the secondary member within the window and relative to primary member.*

115718. D. Goerrig. Improved method of dyeing. Accepted on 4th September 1968.

*The Hot dyed material after emergence from the dye bath is cooled before coming into contact with further water or with a substantial amount of oxygen.*

116225. Imperial Chemical Industries Limited. Ethylene copolymers and glass laminates made therewith. (14th February 1966). [Divisional date 7th February 1967]. Accepted on 31st August 1968.

*That includes at least one layer of glass adhered to a layer of a copolymer of ethylene with one or more hydroxy or epoxy lower aliphatic monoesters of acrylic acid or methacrylic acid.*

#### Opposition Proceedings

The opposition entered by Victory Flask Co. Pvt. Ltd. to the grant of a patent on application No. 70723 made by Alimahomed Chhaganbhai Padumse, as notified in Part III, Section 2 of the Gazette of India, dated the 31st March 1962, has been dismissed.

#### Patents Sealed

100620. 101377. 101380. 102117. 102173. 102198. 102302.  
102422. 102510. 102538. 102586. 102659. 102845. 102884.  
103044. 103046. 103110. 103154. 103238. 103267. 103334.  
103565. 103705. 103718. 103758. 103793. 103813. 103832.  
103889. 103893. 103896. 103919. 104053. 104061. 104062.  
104085. 104106. 104160. 104398. 104486. 104539. 104584.  
104590. 104675. 104676. 104721. 104808. 104850. 104911.  
104918. 105011. 105073. 105108. 105136. 105275. 105359.  
105397. 105473. 105665. 105835. 106179. 106185. 106346.  
106391. 106416. 106522. 106577. 106784. 106797. 106890.  
106915. 106926. 107230. 107232. 107564. 108229. 108236.  
108397. 108427. 108762. 109067. 109143. 109171. 109220.

#### Amendment Proceedings

The amendment proposed by The Lummus Company in respect of patent No. 94683 as advertised in the Gazette of India, Part III, Section 2 dated the 29th July 1967 has been allowed.

#### Renewal Fees Paid

50202. 50203. 50493. 50626. 50818. 52357. 52663. 52664.  
52665. 52718. 52774. 52832. 52896. 53034. 54939. 54940.  
55479. 55547. 55571. 55630. 55660. 55674. 56082. 56083.  
56330. 58372. 58586. 58588. 58593. 58603. 58630. 58754.  
58998. 58999. 59016. 61894. 61895. 61947. 61981. 62066.  
62071. 62097. 62111. 62128. 62183. 62272. 62421. 62436.  
62536. 62659. 62719. 64995. 65012. 65210. 65220. 65337.  
65369. 65391. 65406. 65416. 65428. 65480. 65485. 65560.  
65616. 65657. 66048. 66198. 67929. 68350. 68972. 68995.  
69008. 69110. 69116. 69193. 69323. 69347. 69368. 69380.  
69434. 69604. 69605. 69649. 69744. 69745. 69767. 69921.  
70190. 70806. 73275. 73313. 73443. 73589. 73658. 73661.  
73747. 73748. 73793. 73794. 73795. 73893. 73942. 74039.  
74054. 74110. 74233. 74284. 74337. 74402. 74511. 75184.  
77977. 78364. 78418. 78477. 78659. 78740. 78784. 78819.  
78910. 78995. 79015. 79069. 79079. 79109. 79111. 79179.  
79307. 79361. 79417. 79419. 79561. 79731. 79781. 80184.  
80456. 80457. 80635. 80636. 80637. 80638. 80639. 80640.  
80641. 80642. 80682. 81238. 84010. 84028. 84129. 84156.  
84222. 84479. 84530. 84550. 84595. 84612. 84638. 84695.  
84778. 84780. 84789. 84831. 84852. 84885. 85173. 85267.  
85312. 85313. 85327. 85389. 85489. 85506. 85843. 89668.  
89669. 89709. 89744. 89824. 89845. 89850. 89987. 89998.  
90035. 90058. 90057. 90068. 90093. 90121. 90162. 90165.  
90174. 90184. 90196. 90207. 90238. 90294. 90312. 90313.  
90319. 90346. 90357. 90398. 90418. 90469. 90476. 90479.  
90507. 90536. 90547. 90852. 90858. 90861. 90862. 91004.  
91009. 91010. 91056. 91119. 91155. 91237. 91263. 91403.  
91404. 91447. 91448. 91449. 91461. 92356. 93237. 93881.  
95072. 95272. 95289. 95329. 95358. 95432. 95557. 95590.  
95621. 95658. 95685. 95747. 95854. 95937. 95939. 95984.  
96004. 96006. 96017. 96034. 96078. 96144. 96149. 96190.  
96223. 96264. 96284. 96363. 96364. 96399. 96401. 96402.  
96403. 96457. 96562. 96563. 96564. 96657. 96675. 96822.  
96853. 98697. 99600. 101318. 101384. 101385. 101402.  
101447. 101621. 101778. 101779.

#### Cessation of Patents

51245. 52032. 53294. 58312. 59995. 61795. 62335. 67323.  
68029. 68839. 69481. 74216. 74781. 75766. 82766. 82767.

#### Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 77891—Nihar Chandra Roy and Dalmia Cement (Bharat) Limited.

The patent ceased on the 31st July 1967, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 27th April 1968. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17 within six weeks from the date of advertisement, viz., on or before the 2nd November 1968.

S. VEDARAMAN.  
Controller General of Patents,  
Designs and Trade Marks.

